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International Specialists in the Environmental Sciences

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8/5/80

DATE: August 5, 1980

TO: Joe Petrilli

FROM: Rod Bloese :TJ

SUBJECT: Ohio/TDD# F5-8007-2
Reading/Pristine-Cincinnati Drum-Carstab

US EPA RECORDS CENTER REGION 5



445265

On July 31, 1980, water samples were collected from Mill Creek and a tributary ditch and on August 1, 1980, an on-site investigation at Carstab and an on-site inspection of Pristine were conducted by the field team.

On July 31, 1980 at 0845, the Reading Police and Fire Departments were notified of E&E personnel's presence in the subject sites' areas. As the Reading Police and Fire Chiefs were not present, messages were left with subordinates.

At approximately 0930, E&E personnel arrived at the Pristine/Cincinnati Drum security gate. Joeffery Long (Cincinnati Drum) and Jack Salters (Pristine) were called to the gate by the security guard. They were notified of E&E intentions to obtain water samples from Mill Creek. A copy of a letter from Barb Magel (USEPA) to Cincinnati Drum's attorneys was presented to Joeffery Long to aid in explaining the status of legal negotiations. Verbal permission to obtain water samples from Mill Creek was granted. Mr. Long and Mr. Salter were notified of E&E's plans to conduct on-site inspections on the following day.

At approximately 1000, the command post (van and folding table) was set up on Cincinnati Drum property west of Mill Creek and preparations to obtain water samples were made - labelling bottles and dressing. The E&E team members and their corresponding duties were:

Rod Bloese
Mike McCarrin
Randy Livingston
John Angelo
Fred Bauer

Team Leader and Sampler
Sampling Assistant
Work Party Safety Man
Command Post
Command Post and Safety Officer

At approximately 1100, the work party left the command post area. A slight breeze blew from the WSW, the temperature was approximately 85°F, and the sky was partly cloudy.

The following is a list of environmental samples obtained:

<u>Sample Location#</u>	<u>Time</u>	<u>Location</u>	<u>Observation</u>
1	1115	Mill Creek & Railroad Bridge	-
2	1340	Ditch (North Bank) & Dirt Road	Reddish-Brown
3	1200	Mill Creek (East Bank) & N. Cincinnati Drum Fence	Sewer Smell
4	1225	Mill Creek (East Bank) & N. Cincinnati Drum Bridge	Slight Oil Film
4 (Duplicate)	1225	Mill Creek (East Bank) & N. Cincinnati Drum Bridge	Slight Oil Film
5	1300	Mill Creek (West Bank) & S. Cincinnati Drum Fence	"Oily" Film

While walking to sample location# 5 an oily liquid was observed oozing from the bank on both Cincinnati Drum and Carstab properties. The liquid was oozing out of a gravelly sand zone above a clay zone and into Mill Creek. Five (5) photographs were taken of the area. An odor was noticed in the area. It is recommended that an Ultra-Twin with organic cartridges be used by personnel doing further investigations in this area.

At approximately 1400, E&E personnel departed the Pristine-Cincinnati Drum area. We arrived at Carstab at approximately 1410. Fred Bauer met with Joe Maizie and Carl Adams in the Carstab offices where a security agreement approved by USEPA was presented. Carstab officials agreed to grant site access if E&E personnel would sign the USEPA approved security agreement. By signing the aforementioned agreement, and "signing-in" at the security gate, and obtaining visitor passes, the aforementioned E&E personnel were allowed "on-site".

The van was driven on the Carstab property to the southwest fence boundary. E&E personnel were accompanied by Bob Baldwin, Bob Neubert, and a chemist - all from Carstab. The same sampling set-up was used as described for Pristine-Cincinnati Drum except the command post was located on the southwest corner of Carstab. Water sample #6 was taken at 1520 from the eastern part of Mill Creek at the southern Carstab fence line. The water sample was "split" with the Carstab chemist using a 40 ml. vial.

Both parties agree to be present the following day at 0600 to conduct a metal detection investigation. E&E personnel checked out of the Carstab property at approximately 1550.

The eight (8) water samples (six (6) sampling points, one (1) duplicate, and one (1) blank) were properly packaged and shipped via Federal Air Express to Analytical Research Labs in Monrovia, California. The samples were packed in three coolers.

On August 1, 1980, the following participated in the metal detection investigation:

Rod Bloese	E&E
Fred Bauer	E&E
Randy Livingston	E&E
John Angelo	E&E
Bob Baldwin	Carstab
Bob Neubert	Carstab

At approximately 0640 Fred Bauer began to transverse the Carstab parking lot with a metal detector, Rod Bloese logged the investigation activities with John Angelo and Randy Livingston assisting. At approximately 0700, the investigation was postponed due to a heavy rain storm. The investigation resumed at 0715 and the parking lot was completed at approximately 0800. Three (3) main areas containing metal and one (1) fire line were detected. According to Bob Baldwin and Bob Neubert, the metal detected was located in former low areas filled with concrete debris. At approximately 0805, E&E personnel departed Carstab for breakfast.

The transverse of the field west of the parking lot commenced at 0930. Randy Livingston transversed the field, John Angelo logged the investigation with Rod Bloese and Fred Bauer assisting. Approximately twelve (12) metal areas and the continuation of the fire line were detected. The investigation terminated at approximately 1120.

E&E personnel arrived at the Cincinnati Drum-Pristine security gate at approximately 1150. We were met by Phil Band of Cincinnati Drum who informed us that we would not be allowed to inspect Cincinnati Drum due to legal difficulties. However, we would be allowed to walk through Cincinnati Drum property to Pristine for an inspection. We were informed that the Pristine incinerator was not operating.

At approximately 1210 Rod Bloese and Fred Bauer accompanied by Phil Band walked to the Pristine site. The SCBA breathing apparatus, was not taken or used because of the incinerator shut-down. We were greeted at the Pristine office by Matt Salter. Rod Bloese and Fred Bauer inspected the site with Matt Salter. Twelve (12) photographs were taken and portions of site operations explained. The inspection was completed at approximately 1300. Proper decontamination procedures were followed.

A return trip to Pristine-Cincinnati Drum has been scheduled for August 6 and 7, 1980 to collect on-site soil samples. A metal detection survey of the park south of Carstab is also planned.

RB/df

cc: Tom Yeates